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Attachment to

Z-15182/82

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NPIC/IEG (03/82)
10 MARCH 1982

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1. NEW CHINESE COMBATANT
SHANGHAI SHIPYARD CHIU-HSIN, CHINA

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1. (S/D) SIGNIFICANCE: A NEW CLASS CHINESE SUBMARINE CHASER, THE "CHIU-B" (NPIC INTERIM DESIGNATOR) HAS BEEN LAUNCHED AT SHANGHAI SHIPYARD CHIU-HSIN. THE CHIU-B APPEARS TO BE A FOLLOW-ON DESIGN FROM THE HAINAN-CLASS SUB CHASER AND PROBABLY HAS IMPROVED ENGINES, ADDED AIR DEFENSE CAPABILITY, AND NEW FIRE CONTROL RADAR.
2. (S/D) REMARKS: THE CHIU-B WAS FITTING OUT IN FRONT OF THE BUILDING WAYS, INBOARD OF TWO HAINAN-CLASS SUBMARINE CHASERS (PCS). IT APPEARS TO BE A FOLLOW-ON FROM THE HAINAN PCS DESIGN, BUT DIFFERS IN SEVERAL IMPORTANT RESPECTS. THE NEW PCS [REDACTED] THAN THE HAINAN) AND HAS A 7.2-METER BEAM. THE ADDED LENGTH IS MOST NOTICEABLE IN THE SUPERSTRUCTURE AREA. TWO NEW PROBABLE AIR DEFENSE MACHINE GUNS (ADMG) HAVE BEEN MOUNTED, ONE FORWARD OF THE BRIDGE AND ONE ON A PEDESTAL AFT OF THE STACK.
- (S/D) A NEW SQUARE-SHAPED STACK CONTAINING FOUR PROBABLE UPTAKES WAS ALSO OBSERVED IN THE SUPERSTRUCTURE AREA, AFT OF THE MAST. THE NEW STACK INDICATES THAT THE CHINESE HAVE INSTALLED A NEW PROPULSION PLANT IN THIS VESSEL, VICE THE FOUR DIESEL ENGINES FOUND ON THE HAINAN. THIS NEW ENGINE CONFIGURATION COULD REPRESENT A SIGNIFICANT IMPROVEMENT OVER THE PERFORMANCE CAPABILITIES OF THE HAINAN-CLASS ENGINES.
- (S/D) THE CHIU-B ALSO HAS A NEW 2.0-METER DIAMETER PROBABLE FIRE CONTROL RADOME MOUNTED ON THE MAIN MAST AFT OF THE BRIDGE. THE RADOME APPEARS TO BE SIMILAR TO THE TYPE INSTALLED EARLIER ON AN OSA-CLASS MISSILE ATTACK BOAT AT SHANGHAI NAVAL BASE AND SHIPYARD HUTUNG [REDACTED] IT WOULD BE LARGE ENOUGH TO ACCOMMODATE A SMALL ANTIAIRCRAFT GUN

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 Intelligence Sources
 and Methods Involved

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1.

FIRE CONTROL SYSTEM RADAR, SUCH AS THE SOVIET DRUM TILT OR THE DUTCH M20. THIS PROBABLE FIRE CONTROL RADOME, COORDINATING THE NEWLY MOUNTED ADMG'S, COULD IMPROVE THE CHIU-B'S DEFENSE CAPABILITIES AGAINST AIR ATTACK. THE REMAINING ARMAMENT ON THE VESSEL CONSISTS OF TWO TWIN 57MM GUN MOUNTS, FOUR RBU LAUNCHERS, AND TWIN MINE RAILS ON THE STERN. [REDACTED]

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3.

(S) [REDACTED] COORDINATES 31-12-25N 121-29-48E

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